

J-542 U.S. PTO  
09/15/078

09/17/98

378	45
Class	Subclass
ISSUE CLASSIFICATION	

PATENT NUMBER

6130931

6130931

# U.S. UTILITY PATENT APPLICATION

O.I.P.E.	PATENT DATE
SCANNED <i>Bul</i> O.A. <i>RD</i>	OCT 10 2000

SECTOR	CLASS 378 250	SUBCLASS 245	ART UNIT 2874 2828	EXAMINER Ho
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FILED WITH: ☐ DISK (CRF) ☐ FICHE  
(Attached in pocket on right inside flap)

## PREPARED AND APPROVED FOR ISSUE

### ISSUING CLASSIFICATION

ORIGINAL		CROSS REFERENCE(S)						
CLASS	SUBCLASS	CLASS	SUBCLASS (ONE SUBCLASS PER BLOCK)					
378	45	378	44	54	55			
INTERNATIONAL CLASSIFICATION								
G01N	23/223							

☐ Continued on Issue Slip Inside File Jacket

<input type="checkbox"/> <b>TERMINAL DISCLAIMER</b>	<b>DRAWINGS</b>		<b>CLAIMS ALLOWED</b>	
	Sheets Drawg. 5	Figs. Drawg. 16	Print Fig. 2	Total Claims 22
<input type="checkbox"/> a) The term of this patent subsequent to _____ (date) has been disclaimed.  <input type="checkbox"/> b) The term of this patent shall not extend beyond the expiration date of U.S. Patent. No. _____	Allen C. Ho 3/6/00 (Assistant Examiner)		<b>NOTICE OF ALLOWANCE MAILED</b> 3-7-00	
	DAVID V. BRUCE PRIMARY EXAMINER David Bruce 3/7/00 (Primary Examiner)		<b>ISSUE FEE</b> Amount Due 2000 Date Paid 3/15/00	
<input type="checkbox"/> c) The terminal _____ months of this patent have been disclaimed.	Abreu 3/8/00 (Legal Instruments Examiner)		<b>ISSUE/BATCH NUMBER</b> 7119	

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Form PTO-436A  
(Rev. 10/97)

Formal Drawings(\_\_\_\_shts) set \_\_\_\_\_

(LABEL AREA)

ISSUE FEE IN FILE

(FACE)